

SEQUENCE LISTING

<110> The Brigham and Women's Hospital, Inc.  
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Tamura, Koichi  
Horiuchi, Masatsugu  
Dzau, Victor J.

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<140> US 09/673,994

<141> 1999-04-23

<150> US 60/082,997

<151> 1998-04-24

<150> PCT/US99/08502

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<160> 23

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690 695 700  
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<223> a, or c, or g, or t

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 <212> DNA  
 <213> Mus musculus

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 <212> DNA  
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 <213> Mus musculus

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<223> a, or c, or g, or t

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<210> 17

<211> 2336

<212> DNA

<213> Mus musculus

<400> 17

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 <213> Mus musculus

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 Arg Asp Ser Glu Gly Asp Ser Gln Gly Ala Arg Pro Gly Leu Pro Tyr  
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 Arg Pro Gly Pro Ala Cys Gln Leu Cys Gly Gly Pro Thr Gly Glu Gly  
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 225 230 235 240  
 Cys Cys Ala Pro Arg Pro Thr Arg Pro Pro Ser Pro Thr Glu Gln Glu  
 245 250 255  
 Gly Thr Met Pro Arg Arg Ser Glu Asp Ala Leu Ile Leu Pro Asp Met  
 260 265 270  
 Lys Thr His Ser Gly Glu Lys Pro Phe Arg Cys Ala Arg Cys Pro Tyr  
 275 280 285  
 Ala Ser Ala His Leu Asp Asn Leu Lys Arg His Gln Arg Val His Thr  
 290 295 300  
 Gly Glu Lys Pro Tyr Lys Cys Pro Leu Cys Pro Tyr Ala Cys Gly Asn  
 305 310 315 320  
 Leu Ala Asn Leu Lys Arg His Gly Arg Ile His Ser Gly Asp Lys Pro  
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 Phe Arg Cys Ser Leu Cys Asn Tyr Ser Cys Asn Gln Ser Met Asn Leu  
 340 345 350  
 Lys Arg His Met Leu Arg His Thr Gly Glu Lys Pro Phe Arg Cys Ala  
 355 360 365  
 Thr Cys Ala Tyr Thr Thr Gly His Trp Asp Asn Tyr Lys Arg His Gln  
 370 375 380  
 Lys Val His Gly His Gly Gly Ala Gly Gly Pro Gly Leu Ser Ala Pro  
 385 390 395 400  
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Ser Pro

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<211> 2651  
<212> DNA  
<213> Mus musculus

<400> 19

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<213> Mus musculus

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Glu Glu Asp Glu Gly Asp Gly His Asn Asp Gln Leu Met Gly Phe Glu  
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Arg Asp Ser Glu Gly Asp Ser Gln Gly Ala Arg Pro Gly Leu Pro Tyr  
65 70 75 80  
Gly Leu Ser Asp Asp Glu Ser Gly Gly Gly Arg Ala Leu Ser Ala Glu  
85 90 95  
Ser Glu Val Glu Glu Pro Ala Arg Gly Pro Gly Glu Ala Arg Gly Glu  
100 105 110  
Arg Pro Gly Pro Ala Cys Gln Leu Cys Gly Gly Pro Thr Gly Glu Gly  
115 120 125  
Pro Cys Cys Gly Ala Gly Gly Arg Gly Gly Gly Pro Pro Leu Pro Pro  
130 135 140  
Arg Leu Leu Tyr Ser Cys Arg Leu Cys Ala Phe Val Ser His Tyr Ser  
145 150 155 160  
Ser His Leu Lys Arg His Met Gln Thr His Ser Gly Glu Lys Pro Phe  
165 170 175  
Arg Cys Gly Arg Cys Pro Tyr Ala Ser Ala Gln Leu Val Asn Leu Thr  
180 185 190  
Arg His Thr Arg Thr His Thr Gly Glu Lys Pro Tyr Arg Cys Pro His  
195 200 205  
Cys Pro Phe Ala Cys Ser Ser Leu Gly Asn Leu Arg Arg His Gln Arg  
210 215 220  
Thr His Thr Gly Pro Pro Thr Pro Pro Cys Pro Thr Cys Gly Phe Arg  
225 230 235 240  
Cys Cys Ala Pro Arg Pro Thr Arg Pro Pro Ser Pro Thr Glu Gln Glu  
245 250 255  
Gly Thr Met Pro Arg Arg Ser Glu Asp Ala Leu Ile Leu Pro Asp Leu  
260 265 270  
Ser Leu His Val Pro Pro Gly Gly Ala Ser Phe Leu Pro Asp Cys Gly  
275 280 285  
Gln Leu Arg Gly Glu Gly Glu Ser Leu Cys Gly Thr Gly Ser Glu Pro  
290 295 300  
Leu Pro Glu Leu Leu Phe Pro Trp Thr Cys Arg Gly Cys Gly Gln Glu  
305 310 315 320  
Leu Glu Glu Gly Glu Gly Ser Arg Leu Gly Ala Ala Met Cys Gly Arg  
325 330 335  
Cys Met Arg Gly Glu Ala Gly Gly Val Ala Thr Gly Gly Pro Gln Gly  
340 345 350  
Pro Gly Asp Lys Gly Phe Ala Cys Ser Leu Cys Pro Phe Ala Thr His  
355 360 365  
Tyr Pro Asn His Leu Ala Arg His Met Lys Thr His Ser Gly Glu Lys  
370 375 380  
Pro Phe Arg Cys Ala Arg Cys Pro Tyr Ala Ser Ala His Leu Asp Asn  
385 390 395 400  
Leu Lys Arg His Gln Arg Val His Thr Gly Glu Lys Pro Tyr Lys Cys  
405 410 415  
Pro Leu Cys Pro Tyr Ala Cys Gly Asn Leu Ala Asn Leu Lys Arg His  
420 425 430  
Gly Arg Ile His Ser Gly Asp Lys Pro Phe Arg Cys Ser Leu Cys Asn  
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Tyr Ser Cys Asn Gln Ser Met Asn Leu Lys Arg His Met Leu Arg His  
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Thr Gly Glu Lys Pro Phe Arg Cys Ala Thr Cys Ala Tyr Thr Thr Gly



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 <213> Rattus norvegicus

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<210> 23  
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 <213> Homo sapiens

<400> 23  
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